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| Item Number | A1372 |
| Item | Ascorbyl Palmitate, NF |
| CAS Number | 137-66-6 |
| Molecular Formula | C ₂₂ H ₃₈ O ₇ |
| Molecular Weight | 414.53 |
| MDL Number | |
| Synonyms | L-Ascorbic Acid Palmitate ; L-Ascorbic Acid, 6-Hexadecanoate ; Palmitoyl L-Ascorbic Acid |

| Test | Specification | |
|--------------------------------------|--|---------|
| | Min | Max |
| APPEARANCE | | |
| IDENTIFICATION A (FTIR) | SPECTRUM MATCHES REFERENCE | |
| IDENTIFICATION (B) | RETENTION TIME CORRESPONDS TO STANDARD | |
| ASSAY (DRIED BASIS) | 95.0 | 100.5 % |
| SPECIFIC ROTATION [α] _{D25} | +21° to +24° | |
| LOSS ON DRYING | | 2.0 % |
| RESIDUE ON IGNITION | | 0.1 % |
| ELEMENTAL IMPURITIES | AS REPORTED | |
| RESIDUAL SOLVENTS: | AS REPORTED | |
| CLASS 3 (solvent) / ACETONE | . | |
| CLASS 3 (solvent) / ETHANOL | . | |
| MONOGRAPH EDITION | | |
| EXPIRATION DATE | | |
| DATE OF MANUFACTURE | | |

Spectrum Chemical Mfg Corp

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|--------------------------------|-----------------------------|
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